Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046448.D
Acq On : 25 Aug 2020 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Aug 25 15:38:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 15:31:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79857	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	328306	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	235941	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	572042	20.00	ng	0.00
76) Chrysene-d12	21.56	240	567561	20.00	ng	0.00
86) Perylene-d12	24.66	264	601682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	336360	73.22	ng	0.00
7) Phenol-d6	7.11	99	486896	77.77	ng	0.00
23) Nitrobenzene-d5	9.09	82	419195	69.13	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237153	65.44	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1101472	67.81	ng	0.00
79) Terphenyl-d14	19.92	244	1917325	68.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	68860	32.933	ng	100
3) Pyridine	3.82	79	209402	36.380	ng	100
4) n-Nitrosodimethylamine	3.73	42	79522	32.461	ng	100
6) Aniline	7.26	93	273483	36.697	ng	100
8) 2-Chlorophenol	7.50	128	176304	34.723	ng	100
9) Benzaldehyde	7.07	77	134346	36.162	ng	100
10) Phenol	7.14	94	223095	35.466	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	177202	35.416	ng	100
12) 1,3-Dichlorobenzene	7.82	146	224420	36.465	ng	100
13) 1,4-Dichlorobenzene	7.97	146	223835	36.220	ng	100
14) 1,2-Dichlorobenzene	8.29	146	212980	36.542	ng	100
15) Benzyl Alcohol	8.17	79	159998	36.992	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	276742	33.736	ng	100
17) 2-Methylphenol	8.38	107	158275	37.270	ng	100
18) Hexachloroethane	9.02	117	76011	36.777	ng	100
19) n-Nitroso-di-n-propylamine	8.74	70	146529	35.962	ng	100
20) 3+4-Methylphenols	8.71	107	221807	38.160	ng	100
22) Acetophenone	8.75	105	290440	34.471	ng	100
24) Nitrobenzene	9.13	77	206456	31.935	ng	100
25) Isophorone	9.66	82	392367	32.519	ng	100
26) 2-Nitrophenol	9.84	139	113231	38.645	ng	100
27) 2,4-Dimethylphenol	9.91	122	152922	32.079	ng	100
28) bis(2-Chloroethoxy)methane	10.14	93	253308	38.610	ng	100
29) 2,4-Dichlorophenol	10.38	162	205135	36.582	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	234484	35.695	ng	100
31) Naphthalene	10.78	128	583480	33.589	ng	100
32) Benzoic acid	10.05	122	106417	36.378	ng	100
33) 4-Chloroaniline	10.88	127	264294	37.232	ng	100
34) Hexachlorobutadiene	11.08	225	154177	35.257	ng	100
35) Caprolactam	11.65	113	77901	42.444	ng	100
36) 4-Chloro-3-methylphenol	12.02	107	201883	36.686	ng	100
37) 2-Methylnaphthalene	12.39	142	467147	34.949	ng	100
38) 1-Methylnaphthalene	12.61	142	441154	34.878	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	280985	33.053	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	132466	27.166	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	196717	36.270	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	205351	34.701	ng	100
46) 1,1'-Biphenyl	13.40	154	595754	32.188	ng	100
47) 2-Chloronaphthalene	13.44	162	500408	33.894	ng	100
48) 2-Nitroaniline	13.64	65	144001	37.210	ng	100
49) Acenaphthylene	14.29	152	769276	33.555	ng	100
50) Dimethylphthalate	14.02	163	665077	36.727	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147504	34.999	ng	100
52) Acenaphthene	14.63	154	474599	31.367	ng	100
53) 3-Nitroaniline	14.46	138	163536	39.140	ng	100
54) 2,4-Dinitrophenol	14.67	184	95479	43.202	ng	100
55) Dibenzofuran	14.96	168	757046	33.159	ng	100
56) 4-Nitrophenol	14.78	139	123895	34.154	ng	100
57) 2,4-Dinitrotoluene	14.93	165	215588	37.205	ng	100
58) Fluorene	15.61	166	635295	34.360	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	199480	35.788	ng	100
60) Diethylphthalate	15.39	149	646231	36.276	ng	100
61) 4-Chlorophenyl-phenylether	15.61	204	353212	36.577	ng	100
62) 4-Nitroaniline	15.63	138	171145	40.728	ng	100
63) Azobenzene	15.90	77	522363	31.288	ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	129008	34.100	ng	100
66) n-Nitrosodiphenylamine	15.82	169	567664	32.783	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	249054	35.241	ng	100
68) Hexachlorobenzene	16.62	284	272643	34.405	ng	100
69) Atrazine	16.77	200	237481	35.616	ng	100
70) Pentachlorophenol	16.97	266	156313	30.401	ng	100
71) Phenanthrene	17.35	178	1050257	33.517	ng	100
72) Anthracene	17.44	178	1040544	33.384	ng	100
73) Carbazole	17.71	167	987952	32.872	ng	100
74) Di-n-butylphthalate	18.28	149	1136839	36.187	ng	100
75) Fluoranthene	19.36	202	1335568	34.139	ng	100
77) Benzidine	19.54	184	562550	34.992	ng	100
78) Pyrene	19.72	202	1339653	35.130	ng	100
80) Butylbenzylphthalate	20.61	149	538154	38.957	ng	100
81) Benzo(a)anthracene	21.54	228	1292550	34.031	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	494341	31.342	ng	100
83) Chrysene	21.61	228	1240004	33.327	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	720263	36.470	ng	100
85) Di-n-octyl phthalate	22.63	149	1232608	36.861	ng	100
87) Indeno(1,2,3-cd)pyrene	28.19	276	1540835	33.578	ng	100
88) Benzo(b)fluoranthene	23.69	252	1333460	33.072	ng	100
89) Benzo(k)fluoranthene	23.75	252	1287583	32.558	ng	100
90) Benzo(a)pyrene	24.52	252	1251177	33.348	ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1244551	32.444	ng	100
92) Benzo(g,h,i)perylene	29.28	276	1243684	32.102	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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